

# National Health and Nutrition Examination Survey 2003-2004

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## Documentation, Codebook, and Frequencies

### SP Questionnaire Component: Osteoporosis Questionnaire Data

**Survey Years:**  
**2003 to 2004**

**SAS Export File:**  
**OSQ\_C.XPT**



April 2006

# NHANES 2003–2004 Data Documentation

Questionnaire Section: **Sample Person Questionnaire**

**Osteoporosis (OSQ\_C)**

Years of Coverage: 2003–2004

First Published: April 2006

Last Revised: N/A

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## **Component Description**

The Osteoporosis section (OSQ) provides personal interview data on the following:

- Doctor told participant s/he had fractured hip, wrist, or spine
- Number of times hip, wrist, or spine was fractured
- Age at each hip, wrist, or spine fracture
- Amount of trauma causing each hip, wrist or spine fracture
- Whether the participant has ever been diagnosed as having osteoporosis
- If diagnosed with osteoporosis, whether s/he has been treated for it.

Many of the questions in this section also were included in the NHANES III: 1988-94 questionnaire under Musculoskeletal Conditions.

## **Eligible Sample**

The target sample for this section is participants 20 years and older.

## **Interview Setting and Mode of Administration**

Household in-person

## **Quality Assurance & Quality Control**

The Osteoporosis questionnaire data was systematically reviewed for logical, processing, and data input errors on a periodic basis during the process of data collection.

The computer CAPI system had built-in consistency checks, online information screens that provided the interviewers with information about the terms used in the questionnaires, and hard and soft edit checks to reduce the number of keying entry errors. All of the interviews were reviewed by the NHANES field office staff for accuracy and completeness.

## Data Processing and Editing

The maximum number of hip fractures reported was 2; the maximum number of wrist fractures was 6; the maximum number of spine fractures was 10.

Responses to OSD030a (How old were you when you fractured your hip?), OSD030b (how old were you when you fractured your wrist?), and OSD030c (How old were you when you fractured your spine?) were top coded at 85 years for consistency with the top-coded age of the sample person.

If all ages reported by sample persons for a fracture {1<sup>st</sup> time, 2<sup>nd</sup> time, ...} were less than 50 years in OSQ030a and OSQ040a, OSQ030b and OSQ040b, or OSQ030c or OSQ040c, then the associated variables OSQ050a, OSQ050b, or OSQ050c were not included in the OSQ\_C data file or codebook.

## Analytic Notes

Appropriate sample weights: interview weights.

Although these data were collected as part of the household questionnaire, if they are merged with the MEC exam data, exam sample weights should be used for the analyses.

Please refer to the **Analytic Guidelines** for further details on the use of sample weights and other analytic issues at [http://www.cdc.gov/nchs/data/nhanes/nhanes\\_general\\_guidelines.pdf](http://www.cdc.gov/nchs/data/nhanes/nhanes_general_guidelines.pdf)

The OSQ data are publicly available at [www.cdc.gov/nchs/nhanes.htm](http://www.cdc.gov/nchs/nhanes.htm).

## Locator Record

**Title:** Osteoporosis (OSQ\_C)

**Contact Number:** 1-866-441-NCHS

**Years of Content:** 2003–2004

**First Published:** April 2006

**Revised:** N/A

**Access Constraints:** None

**Use Constraints:** None

**Geographic Coverage:** National

**Subject:** The Osteoporosis section provides personal interview data on fractures at the hip, wrist, or spine; diagnosis of osteoporosis; and treatment for osteoporosis.

**Record Source:** NHANES 2003–2004

**Survey Methodology:** NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

**Medium:** NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey  
Codebook for Data Production (2003-2004)**

**Osteoporosis Section of the SP Questionnaire (OSQ\_C)**  
**Person level data -- use Interview Weights for analysis**

April 2006



<b>SEQN</b>	<b>Target</b>
	B(20 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

OSQ010a	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Broken or fractured a hip		
English Text: Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured {your/his/her} . . .hip?			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Yes	90	OSQ020a
2	No	4946	
7	Refused	0	
9	Don't know	4	
.	Missing	1	

OSQ010b	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Broken or fractured a wrist		
English Text: Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured {your/his/her} . . .wrist?			
English Instructions: DO NOT INCLUDE FOREARM OR HAND.			
Code or Value	Description	Count	Skip to Item
1	Yes	445	OSQ020b
2	No	4592	
7	Refused	1	
9	Don't know	2	
.	Missing	1	

OSQ010c	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Broken or fractured spine		
English Text: Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured {your/his/her} . . .spine?			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Yes	103	OSQ020c
2	No	4931	OSQ025
7	Refused	1	OSQ025
9	Don't know	5	OSQ025
.	Missing	1	

OSQ020a	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 33	# Times broken/fractured hip		
English Text: How many times {have you/has SP} broken or fractured {your/his/her} hip?			
English Instructions: ENTER NUMBER OF TIMES. SKIP TO OSQ010b.			
Code or Value	Description	Count	Skip to Item
1	1	82	
2	2	6	
7777	Refused	0	OSQ010b
9999	Don't know	2	OSQ010b
.	Missing	4951	



OSQ020b	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 33	# Times broken/fractured wrist		
English Text: How many times {have you/has SP} broken or fractured {your/his/her} wrist?			
English Instructions: ENTER NUMBER OF TIMES. SKIP TO OSQ010c.			
Code or Value	Description	Count	Skip to Item
1	1	377	
2	2	52	
3	3	8	
4	4	4	
5	5	3	
6	6	1	
7777	Refused	0	OSQ010c
9999	Don't know	0	OSQ010c
.	Missing	4596	

<b>OSQ020c</b>	<b>Target</b>		
	B(20 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>	<b>SAS Label</b>		
1 to 33	# Times broken/fractured spine		
<b>English Text:</b> How many times {have you/has SP} broken or fractured {your/his/her} spine?			
<b>English Instructions:</b> ENTER NUMBER OF TIMES			
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Skip to Item</b>
1	1	90	
2	2	4	
3	3	4	
5	5	1	
6	6	1	
10	10	1	
7777	Refused	0	
9999	Don't know	2	
.	Missing	4938	

<b>OSQ025</b>	<b>Target</b>
	B(20 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	CHECK ITEM
<b>English Text:</b> CHECK ITEM	
<b>English Instructions:</b> CHECK ITEM OSQ.025: IF 'YES' (CODE 1) IN OSQ.010 a, b, OR c, CONTINUE WITH LOOP 1. OTHERWISE, GO TO OSQ.060. Loop 1: Ask OSQ030 - OSD050 for each type and each incidence of fracture. (Example: How old were you when you fractured your hip the first time?)	

OSD030aa	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured hip 1st time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} hip the 1st time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
1 to 84	Range of Values	82	
85	85 or older	6	
77777	Refused	0	
99999	Don't know	0	
.	Missing	4953	

OSQ040aa	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. hip 1st time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	37	
2	50 years old or older?	51	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	4953	

<b>OSQ045</b>	<b>Target</b>
	B(20 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	CHECK ITEM
<b>English Text:</b> CHECK ITEM	
<b>English Instructions:</b> CHECK ITEM OSQ.045: IF AGE IS >= 50 IN OSD.030 OR OSQ.040, CONTINUE WITH OSD.050. OTHERWISE, GO TO OSQ025.	

OSD050aa	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason hip fracture occurred 1st time		
English Text: Did that fracture occur as a result of . . .			
English Instructions: CAPI INSTRUCTIONS: HELP SCREEN SHOULD READ: Additional examples for a "hard fall" include being forcibly knocked down by another person or bicycle. Additional examples for a "fall from standing height or less" include leg gave way, was dizzy, fell bending over, fell out of chair.			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	34	
2	A hard fall, such as falling off a ladder or step stool, down stairs	7	
3	A car accident or other severe trauma	8	
7	Refused	0	
9	Don't know	2	
.	Missing	4990	

OSD030ab	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured hip 2nd time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} hip the 2nd time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
17 to 83	Range of Values	6	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5035	

OSQ040ab	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. hip 2nd time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	2	
2	50 years old or older?	4	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5035	

OSD050ab	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason hip fracture occurred 2nd time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	4	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5037	

OSD030ba	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured wrist 1st time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 1st time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
1 to 84	Range of Values	439	
85	85 or older	3	
77777	Refused	0	
99999	Don't know	3	
.	Missing	4596	

OSQ040ba	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. wrist 1st time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	345	
2	50 years old or older?	100	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	4596	

OSD050ba	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason wrist fracture occurred 1st time		
English Text: Did that fracture occur as a result of. . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	67	
2	A hard fall, such as falling off a ladder or step stool, down stairs	27	
3	A car accident or other severe trauma	4	
7	Refused	0	
9	Don't know	2	
.	Missing	4941	



OSD030bb	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured wrist 2nd time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist 2nd time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
4 to 82	Range of Values	67	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	4973	

OSQ040bb	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. wrist 2nd time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	54	
2	50 years old or older?	14	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	4973	

OSD050bb	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason wrist fracture occurred 2nd time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	7	
2	A hard fall, such as falling off a ladder or step stool, down stairs	6	
3	A car accident or other severe trauma	1	
7	Refused	0	
9	Don't know	0	
.	Missing	5027	

OSD030bc	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured wrist 3rd time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 3rd time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
11 to 42	Range of Values	16	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5025	

OSQ040bc	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. wrist 3rd time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	16	
2	50 years old or older?	0	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5025	

OSD030bd	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured wrist 4th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 4th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
13 to 54	Range of Values	8	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5033	

OSQ040bd	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. wrist 4th time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	7	
2	50 years old or older?	1	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5033	

OSD050bd	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason wrist fracture occurred 4th time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	1	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5040	

OSD030be	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured wrist 5th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 5th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
14 to 29	Range of Values	3	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	5037	

OSQ040be	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. wrist 5th time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	4	
2	50 years old or older?	0	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5037	

OSD030bf	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured wrist 6th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 6th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
18 to 18	Range of Values	1	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5040	

OSQ040bf	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. wrist 6th time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	1	
2	50 years old or older?	0	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5040	

OSD030ca	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 1st time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 1st time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
1 to 83	Range of Values	98	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	3	
.	Missing	4940	

OSQ040ca	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 1st time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	81	
2	50 years old or older?	20	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	4940	



OSD050ca	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason spine fracture occurred 1st time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	7	
2	A hard fall, such as falling off a ladder or step stool, down stairs	7	
3	A car accident or other severe trauma	3	
7	Refused	0	
9	Don't know	3	
.	Missing	5021	

OSD030cb	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 2nd time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 2nd time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
21 to 63	Range of Values	11	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5030	

OSQ040cb	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 2nd time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	8	
2	50 years old or older?	3	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5030	

OSD050cb	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason spine fracture occurred 2nd time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	3	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5038	

OSD030cc	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 3rd time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 3rd time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
24 to 65	Range of Values	7	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5034	

OSQ040cc	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 3rd time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	5	
2	50 years old or older?	2	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5034	

OSD050cc	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason spine fracture occurred 3rd time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	1	
2	A hard fall, such as falling off a ladder or step stool, down stairs	1	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5039	

OSD030cd	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 4th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 4th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
24 to 66	Range of Values	3	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5038	

OSQ040cd	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 4th time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	1	
2	50 years old or older?	2	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5038	

OSD050cd	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason spine fracture occurred 4th time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	2	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5039	

OSD030ce	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 5th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 5th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
24 to 68	Range of Values	2	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	5038	

OSQ040ce	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 5th time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	2	
2	50 years old or older?	1	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5038	



OSD050ce	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason spine fracture occurred 5th time		
English Text: Did that fracture occur as a result of . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	1	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5040	

OSD030cf	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 6th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 6th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
24 to 24	Range of Values	1	
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	5039	

OSQ040cf	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 6th time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	2	
2	50 years old or older?	0	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5039	

OSD030cg	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 7th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 7th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	5040	

OSQ040cg	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 7th time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	1	
2	50 years old or older?	0	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5040	

OSD030ch	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 8th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 8th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	5040	

OSQ040ch	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 8th time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	1	
2	50 years old or older?	0	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5040	

OSD030ci	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 9th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 9th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
85	85 or older	0	
77777	Refused	0	
99999	Don't know	1	
.	Missing	5040	

OSQ040ci	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd. spine 9th time		
English Text: { Were you/Was SP} . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	1	
2	50 years old or older?	0	
7	Refused	0	OSQ060
9	Don't know	0	OSQ060
.	Missing	5040	

OSD030cj	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
1 to 120	Age when fractured spine 10th time		
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 10th time?			
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.			
Code or Value	Description	Count	Skip to Item
85	85 or older	1	
77777	Refused	0	
99999	Don't know	0	
.	Missing	5040	

OSQ040cj	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Under/over 50 when fracd spine 10th time		
English Text: { Were you/Was SP } . . .			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Under 50 years old, or	0	
2	50 years old or older?	1	
7	Refused	0	OSQ025
9	Don't know	0	OSQ025
.	Missing	5040	

OSD050cj	Target		
	B(50 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Reason spine fracture occurred 10th time		
English Text: Did that fracture occur as a result of.....			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	1	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	
3	A car accident or other severe trauma	0	
7	Refused	0	
9	Don't know	0	
.	Missing	5040	

OSQ060	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Ever told had osteoporosis/brittle bones		
English Text: Has a doctor ever told {you/SP} that {you/s/he} had osteoporosis, sometimes called thin or brittle bones?			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Yes	375	
2	No	4652	End of Section
7	Refused	1	End of Section
9	Don't know	12	End of Section
.	Missing	1	

OSQ070	Target		
	B(20 Yrs. to 150 Yrs.)		
Hard Edits	SAS Label		
	Ever treated for osteoporosis		
English Text: { Were you/Was SP } treated for osteoporosis?			
English Instructions:			
Code or Value	Description	Count	Skip to Item
1	Yes	265	
2	No	106	
7	Refused	0	
9	Don't know	4	
.	Missing	4666	